

12.20 11DH02 Lockout Tagout Form

1. **Purpose**

The purpose of this procedure is to define the sequence of activities required to lock out/tag out the 11DH02 Magnet Power Supply.

2. **Responsibilities**

It is the responsibility of the person or persons executing this procedure to observe all safety rules.

3. **Prerequisites**

The person or persons executing this procedure shall have all formal training required of a TVDG Operator.

4. **Precautions**

Refer to [Lockout-Tagout](#) for general information on Lockout-Tagout at the TVDG.

- 4.1 Insure that no target is used that is capable of generating beams of mass under 12.
- 4.2 No beam of mass under 12 is permitted in the TtB beam line.
- 4.3 The accelerator terminal charging current limitation as well as stripping and transport efficiencies presently preclude beam powers, even under fault conditions, in excess of 200 watts.

5. **Procedure**

Checklist (when indicated by “___”, initial step upon completion)

Note 1:

This form is to be attached to the Lockout Tag to be used for locking out and tagging out the 11DH02 Magnet Power Supply any time the facility is not in Pulse/TtB mode.

Note 2:

The Lockout Tag can't be removed until all items below are completed and signed off.

- 5.1 _____ Verify that the Ion Source is wired for Pulse Beam.
- 5.2 _____ Beam specie verified as _____(ion) at _____ MeV
- 5.3 _____ Record beam current in 11-030 cup _____ uA.
- 5.4 _____ Verify that TtB areas have been swept and secure and that zones are set.
- 5.5 _____ Verify that MP-7 HE Neutron and Gamma Monitors are located at 11DH01 Object Slits.
- 5.6 _____ Verify that the Checklist for the TtB Radiation Safety System Semi-Annual Test has been done within the past 6 months.
- 5.7 Supervisor Approval: _____ Date: _____

6. Documentation

Completed checklist shall be maintained in the TVDG Control Room.

7. References

Lockout-Tagout

8. Attachments

None